

TABLE 199.610(a).—EXEMPTIONS FOR ALL VESSELS IN SPECIFIED SERVICES

Section or paragraph in this part	Service			
	Coastwise	Great Lakes	Lakes, bays, and sounds	Rivers
199.60(c): Distress signals	Not Exempt	Not Exempt	Exempt	Exempt.
199.70(a)(3)(iii): Lifebuoys fitted with smoke signals	Exempt	Exempt	Exempt	Exempt.
199.70(b)(1)(i): Carriage of additional child-size lifejackets ...	(¹)	(¹)	(¹)	(¹).
199.70(b)(4)(i): Lifejacket lights	(²)	(²)	Exempt	Exempt.
199.70(b)(4)(ii): Lifejacket whistles	Exempt	Exempt	Exempt	Exempt.
199.70(c): Immersion suits for rescue boat crew members ..	Not Exempt	Not Exempt	Exempt	Exempt.
199.70(c)(4)(ii): Immersion suit whistles	Exempt	Exempt	Exempt	Exempt.
199.100(c)(1): Requirements for person-in-charge of survival craft.	Not Exempt	Not Exempt	Not Exempt	Exempt.
199.100(d): Designation of second-in-command of survival craft.	(³)	(³)	(³)	Exempt.
199.100(f): Embarkation ladders at launching stations	(⁴)	(⁴)	(⁴)	(⁴).
199.130(a)(4): Survival craft embarkation position	Not Exempt	Not Exempt	Exempt	Exempt.
199.170: Line-throwing appliance	Not Exempt	Exempt	Exempt	Exempt.
199.510: EPIRB requirement	(⁵)	(⁶)	Exempt	Exempt.

Notes:

(¹) Exempt if the vessel does not carry persons smaller than the lower size limit of the lifejackets carried.

(²) Exempt if the vessel is a ferry or has no overnight accommodations.

(³) Exempt if the survival craft has a carrying capacity of less than 40 persons.

(⁴) Exempt if the distance is less than 3 meters (10 feet) from the embarkation deck to the water with the vessel in its lightest seagoing operating condition.

(⁵) Exempt if the vessel is a cargo vessel under 300 tons gross tonnage and operates on a route no more than 3 nautical miles from shore.

(⁶) Exempt if the vessel operates on a route no more than 3 nautical miles from shore.

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§ 199.620 Alternatives for all vessels in a specified service.

(a) *General.* Vessels operating in oceans; coastwise; Great Lakes; lakes,

bays, and sounds; and rivers service may comply with alternative requirements to subparts A through E of this part as described in this section for the services specified in table 199.620(a) of this section.

TABLE 199.620(a).—ALTERNATIVE REQUIREMENTS FOR ALL VESSELS IN A SPECIFIED SERVICE

Section or paragraph in this part	Service and reference to alternative requirement section or paragraph				
	Oceans	Coastwise	Great Lakes	Lakes, Bays and Sounds	Rivers
199.70(a): Lifebuoy approval series	199.620(b) ¹	199.620(b) ¹	199.620(b)	199.620(b)	199.620(b)
199.70(b): Lifejacket approval series	199.620(c) ²	199.620(c) ²	199.620(c)	199.620(c)	199.620(c)
199.70(b)(1): Number of lifejackets carried	No Alternative	199.620(d)	199.620(d)	199.620(d)	199.620(d)
199.70(b)(4)(i): Lifejacket light approval series	No Alternative	199.620(e)	199.620(e)	Not Applicable	Not Applicable.
199.100(b): Manning of survival craft	No Alternative	No Alternative	No Alternative	No Alternative	199.620(o)
199.110(f): Embarkation ladder	199.620(f)	199.620(f)	199.620(f)	199.620(f)	199.620(f)
199.130(b): Survival craft stowage position	No Alternative	No Alternative	199.620(g)	199.620(g)	199.620(g)
199.170: Line-throwing appliance approval series ..	199.620(h) ³	199.620(h) ³	Not Applicable	Not Applicable	Not Applicable.
199.175: Lifeboat, rescue boat, and rigid liferaft equipment.	199.620(i) ⁴	199.620(i)	199.620(j)	199.620(j)	199.620(j)
199.180: Training and drills	199.620(p)	199.620(p)	199.620(p)	199.620(p)	199.620(p)
199.190: Spares and repair equipment	199.620(n)	199.620(n)	199.620(n)	199.620(n)	199.620(n)
199.201(a)(2) or 199.261: Inflatable liferaft equipment.	199.620(i) ⁴	199.620(i)	199.620(i)	199.620(i)	199.620(i)
199.201(a)(2) or 199.621: Liferaft approval series ..	No Alternative	199.620(k)	199.620(k)	199.620(k)	199.620(k)
199.510: EPIRB requirement	199.620(m)(1)	199.620(m)(1)	199.620(m)	Not Applicable	Not Applicable.

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¹ Alternative applies if lifebuoy is orange.² Alternative applies only to cargo vessels that are less than 500 tons gross tonnage.³ Alternative applies to cargo vessels that are less than 500 tons gross tonnage and to all passenger vessels.⁴ Alternative applies to passenger vessels limited to operating no more than 50 nautical miles from shore.

(b) *Lifebuoy approval series.* As an alternative to a lifebuoy approved under approval series 160.150, vessels may carry a lifebuoy approved under approval series 160.050.

(c) *Lifejackets approval series.* As an alternative to a lifejacket meeting the approval requirements in § 199.70, vessels may carry a lifejacket approved under approval series 160.002, 160.005, 160.055, or 160.077.

(d) *Lifejacket quantity.* Vessels may carry lifejackets as follows:

(1) If lifejackets are stowed in cabins, staterooms, or berthing areas that are readily accessible to each watch or work station, the requirement in § 199.70(b)(2)(iv) to have lifejackets at each watch or work station need not be met.

(2) If the vessel carries lifejackets that are designated extended-size, then the number of child-size lifejackets carried to meet § 199.70(b)(1)(i) may be reduced. To take the reduction in child-size lifejackets, extended-size lifejackets having the same lower size limit must be substituted for all of the required adult lifejackets. The number of child-size lifejackets required depends on the lower size limit of the extended-size lifejackets and is calculated by any one of the following formulas where PC is the number of child-size lifejackets expressed as a percentage of the number of lifejackets required under § 199.70(b)(1):

(i) $PC = LS \div 4.1$, where LS equals the lower size limit expressed in kilograms.

(ii) $PC = LS \div 9$, where LS equals the lower size limit expressed in pounds.

(iii) $PC = (LS - 81) \div 7.6$, where LS equals the lower size limit expressed in centimeters.

(iv) $PC = (LS - 32) \div 3$, where LS equals the lower size limit expressed in inches.

(e) *Lifejacket light approval series.* As an alternative to lights approved under

approval series 161.112, vessels may use lights for lifejackets and immersions suits approved under series 161.012. However, lifejacket lights bearing Coast Guard approval number 161.012/2/1 are not permitted on vessels certificated to operate on waters where water temperature may drop below 10° C (50° F).

(f) *Embarkation ladder.* An embarkation ladder may be a chain ladder approved under approval series 160.017.

(g) *Survival craft stowage positions.* Vessels having widely separated accommodation and service spaces may have, as an alternative to the requirements of § 199.130(b), all required lifeboats and 50 percent of the required liferafts stowed as close as possible to the accommodation and service space that normally holds the greatest number of persons, with the remainder of the liferafts stowed as close as possible to each other accommodation and service space.

(h) *Line-throwing appliance approval series.* As an alternative to a line-throwing appliance that meets the requirements in § 199.170, vessels may carry a line-throwing appliance approved under approval series 160.031, which may have an auxiliary line that is at least 150 meters (500 feet).

(i) *Lifeboat, rescue boat, and rigid liferaft equipment; oceans and coastwise.* Lifeboats, rescue boats, and rigid liferafts may carry the equipment specified in table 199.175 of this part for vessels on a short international voyage.

(j) *Lifeboat, rescue boat, and rigid liferaft equipment; other services.* As an alternative to meeting the survival craft equipment requirements of § 199.175, a vessel may carry the equipment specified in table 199.620(j) of this section under the vessel's category of service. Each item in the table has the same description as in § 199.175.

TABLE 199.620(j).—SURVIVAL CRAFT EQUIPMENT

Item No.	Item	Great Lakes			Lakes, bays and sounds			Rivers		
		Life-boat	Rigid liferaft	Rescue boat	Life-boat	Rigid liferaft	Rescue boat	Life-boat	Rigid liferaft	Rescue boat
1	Bailer ¹	1	1	1	1	1	1	.....	.....	.....
2	Bilge pump ²	1	.....	.....	1	.....	.....	.....	.....	.....
3	Boathook	1	.....	1	1	.....	1	1	.....	1

TABLE 199.620(j).—SURVIVAL CRAFT EQUIPMENT—Continued

Item No.	Item	Great Lakes			Lakes, bays and sounds			Rivers		
		Life-boat	Rigid liferaft	Rescue boat	Life-boat	Rigid liferaft	Rescue boat	Life-boat	Rigid liferaft	Rescue boat
4	Bucket ³	1	.....	1	1	.....	.....	1	.....	.....
9	Fire extinguisher	1	.....	1	1	.....	1	1	.....	1
12	Flashlight	1	1	1	.....	.....	.....	.....	.....	.....
13	Hatchet	2	.....	.....	1	.....	.....	1	.....	.....
15	Instruction card .....	.....	1	.....	.....	1	.....	.....	1	.....
18	Ladder	1	.....	1	.....	.....	.....	.....	.....	.....
20	Oars, units ^{4,5}	1	.....	1	1	.....	1	1	.....	1
	Paddles .....	.....	2	.....	.....	2	.....	.....	2	.....
21	Painter	2	1	1	1	1	1	1	1	1
23	Pump ⁶ .....	.....	.....	1	.....	.....	1	.....	.....	1
26	Repair kit ⁶ .....	.....	.....	1	.....	.....	1	.....	.....	1
27	Sea anchor	1	2	1	.....	.....	.....	.....	.....	.....
28	Searchlight	1	.....	1	.....	.....	.....	.....	.....	.....
31	Signal, hand flare	6	6	.....	6	6	.....	.....	.....	.....
32	Signal, parachute flare	4	4	.....	.....	.....	.....	.....	.....	.....
33	Skates and fenders ⁷	1	.....	1	1	.....	1	1	.....	1
34	Sponge ⁶ .....	.....	2	2	.....	2	2	.....	.....	.....
35	Survival instructions	1	1	.....	1	1	.....	.....	.....	.....
38	Tool kit	1	.....	.....	1	.....	.....	1	.....	.....
39	Towline ⁸	1	.....	1	1	.....	1	1	.....	1

Notes:¹ Each liferaft approved for 13 persons or more must carry two of these items.² Not required for boats of self-bailing design.³ Not required for inflated or rigid-inflated rescue boats.⁴ Oars not required on a free-fall lifeboat; a unit of oars means the number of oars specified by the boat manufacturer.⁵ Rescue boats may substitute buoyant paddles for oars, as specified by the manufacturer.⁶ Not required for a rigid rescue boat.⁷ Required if specified by the manufacturer.⁸ Required only if the lifeboat is also the rescue boat.

(k) *Liferaft approval series.* As an alternative to liferafts that meet the requirements in §§ 199.201(a) and 199.261(a), vessels may—

(1) Carry inflatable liferafts approved under approval series 160.051; and

(2) Have liferafts with a capacity less than six persons.

(l) *Inflatable liferaft equipment.* As an alternative to the SOLAS A Pack, vessels may have a SOLAS B Pack for each inflatable liferaft.

(m) *EPIRB requirements.* As an alternative to EPIRBs that meet the requirements in § 199.510, vessels may have the following:

(1) Until February 1, 1999, a Coast Guard-approved Class A EPIRB manufactured after October 1, 1988, and installed on the vessel on or before October 1, 1996.

(2) Until February 1, 1999, two Class C EPIRBs installed on the vessel on or before October 1, 1996. Class C EPIRBs must be installed—

- (i) In a weathertight enclosure;
- (ii) In a readily accessible location;
- (iii) One on each side of the vessel;

(iv) If the vessel has two or more widely separated deckhouses, at separate deckhouses; and

(v) At or near a principal embarkation station.

(n) *Spare parts and repair equipment.* As an alternative to carrying spare parts and repair equipment as required in § 199.190(c), a vessel need not carry spare parts and repair equipment if it operates daily out of a shore base where spare parts and repair equipment are available.

(o) Deckhands may be used to operate the survival craft and launching arrangements.

(p) Training and drill subjects required under § 199.180 may be omitted if the vessel is not fitted with the relevant equipment, installation or system.

[CGD 84-069, 61 FR 25313, May 20, 1996; 61 FR 40281, Aug. 1, 1996, as amended at 63 FR 52820, Oct. 1, 1998]

EFFECTIVE DATE NOTE: By CGD 84-069, 63 FR 52820, Oct. 1, 1998, § 199.620 was amended by revising Table 199.620(a) and paragraph (e), by removing the paragraph designation

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“1” from the paragraph immediately following paragraph (k)(2) and adding in its place the paragraph designation “1”, and by adding paragraphs (o) and (p), effective Nov. 2, 1998. For the convenience of the user, the superseded text is set forth as follows:

§ 199.620 Alternatives for all vessels in a specified service.

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TABLE 199.620(a)—ALTERNATIVE REQUIREMENTS FOR ALL VESSELS IN A SPECIFIED SERVICE

Section or paragraph in this part	Service and reference to alternative requirement section or paragraph				
	Oceans	Coastwise	Great Lakes	Lakes, Bays and Sounds	Rivers
199.70(a): Lifebuoy approval series	199.620(b) ¹ ...	199.620(b) ¹ ...	199.620(b)	199.620(b)	199.620(b).
199.70(b): Lifejacket approval series	199.620(c) ² ...	199.620(c) ² ...	199.620(c)	199.620(c)	199.620(c).
199.70(b)(1): Number of lifejackets carried	No Alternative	199.620(d)	199.620(d)	199.620(d)	199.620(d).
199.70(b)(4)(i): Lifejacket light approval series.	No Alternative	199.620(e)	199.620(e)	Not Applicable	Not Applicable.
199.110(f): Embarkation ladder	199.620(f)	199.620(f)	199.620(f)	199.620(f)	199.620(f).
199.130(b): Survival craft stowage position	No Alternative	No Alternative	199.625(g)	199.625(g)	199.625(g).
199.170: Line-throwing appliance approval series.	199.620(h) ² ...	199.620(h) ³ ...	Not Applicable	Not Applicable	Not Applicable.
199.201(a)(2) or .261(a)(2): Inflatable life-raft equipment.	199.620(i) ⁴	199.620(i)	199.620(i)	199.620(i)	199.620(i).
199.175: Lifeboat, rescue boat, and rigid liferaft equipment.	199.620(i) ⁴	199.620(i)	199.620(j)	199.620(j)	199.620(j).
199.201(a)(2) and 199.261: Liferaft approval series.	No Alternative	199.620(k)	199.620(k)	199.620(k)	199.620(k).
199.510: EPIRB requirement	199.620(m)(1)	199.620(m)(1)	199.620(m)	Not Applicable	Not Applicable.
199.190(c): Spares and repair equipment	199.620(n)	199.620(n)	199.620(n)	199.620(n)	199.620(n).

Notes:

¹ Alternative applies if lifebuoy is orange.

² Alternative applies only to cargo vessels that are less than 500 tons gross tonnage.

³ Alternative applies to cargo vessels that are less than 500 tons gross tonnage and to all passenger vessels.

⁴ Alternative applies to passenger vessels limited to operating no more than 50 nautical miles from shore.

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(e) *Lifejacket light approval series.* As an alternative to lights approved under approval series 161.112, vessels may use lights for lifejackets and immersions suits approved under series 161.012. Chemiluminescent-type lifejacket lights approved under approval series 161.012 are not permitted on vessels certificated to operate on waters where water temperature may drop below 10 °C (50 °F).

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§ 199.630 Alternatives for passenger vessels in a specified service.

(a) In addition to the alternatives for certain requirements in § 199.620, passenger vessels operating in oceans; coastwise; Great Lakes; lakes, bays, and sounds; and rivers service may comply with alternative requirements to subparts A through C of this part as described in this section for the services specified in table 199.630(a) of this section.